

10/554037

1 / 17

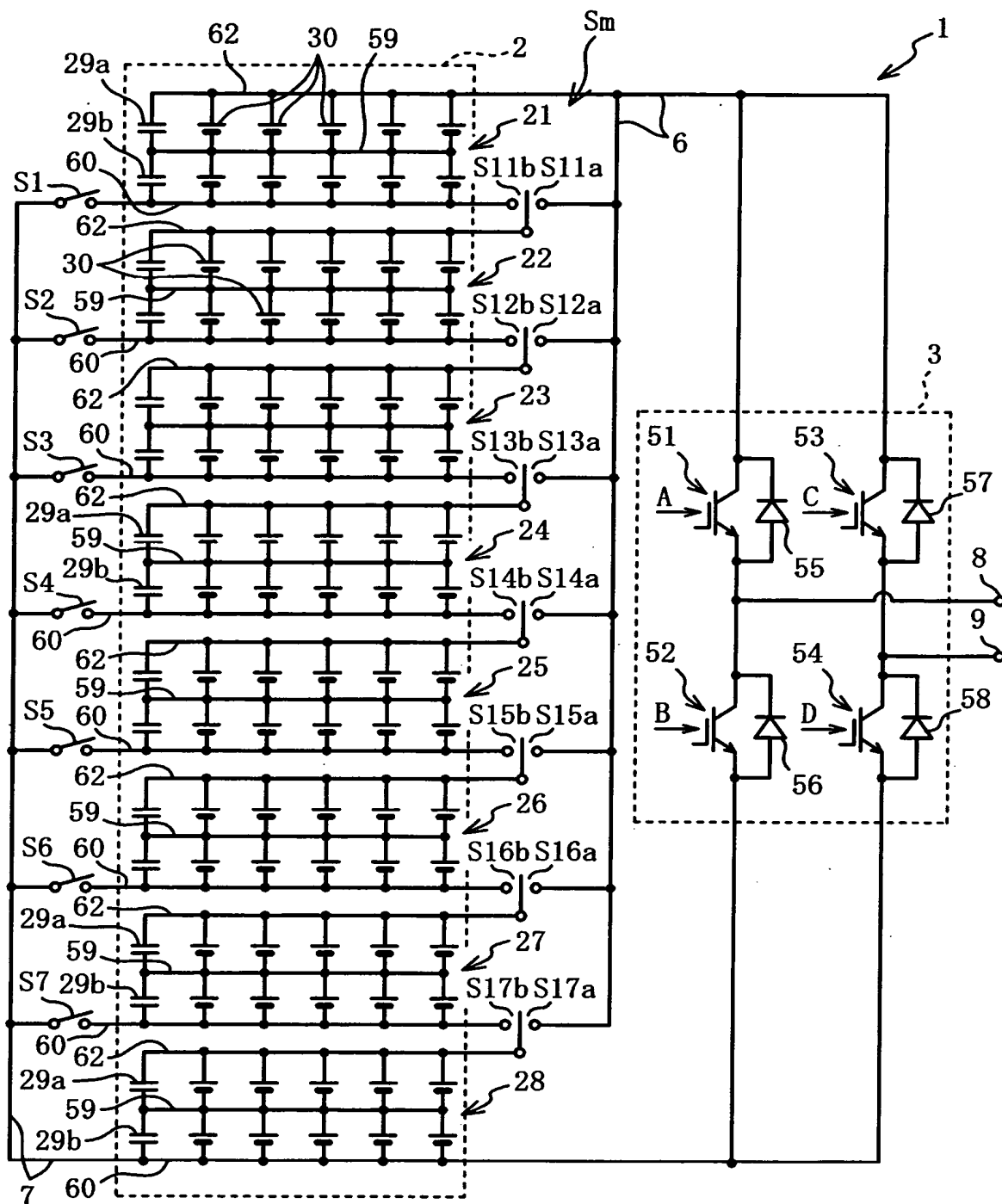


Fig. 1

10/554037

2/17

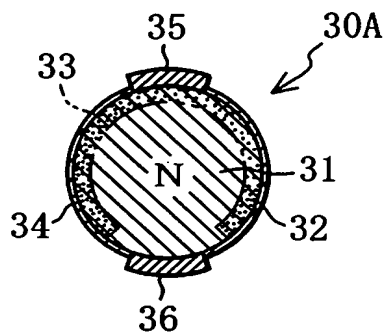


Fig. 2

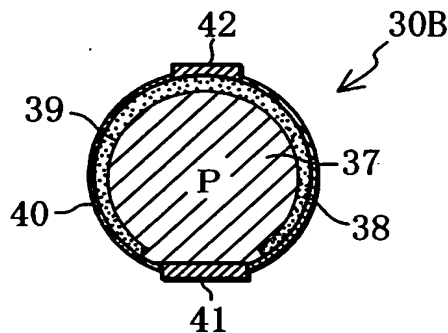


Fig. 3

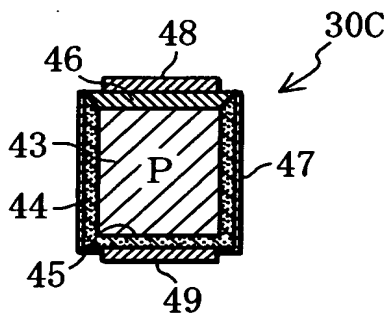


Fig. 4

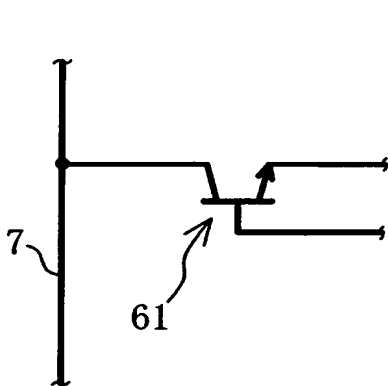


Fig. 5

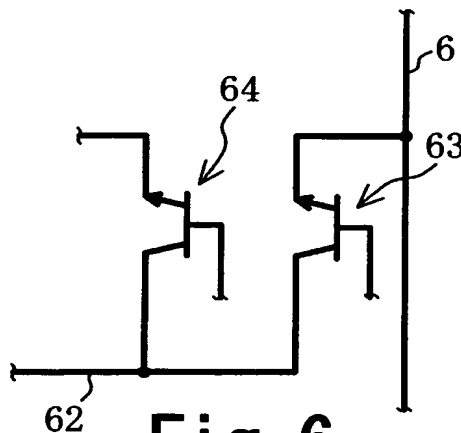


Fig. 6

10/554037

3/17

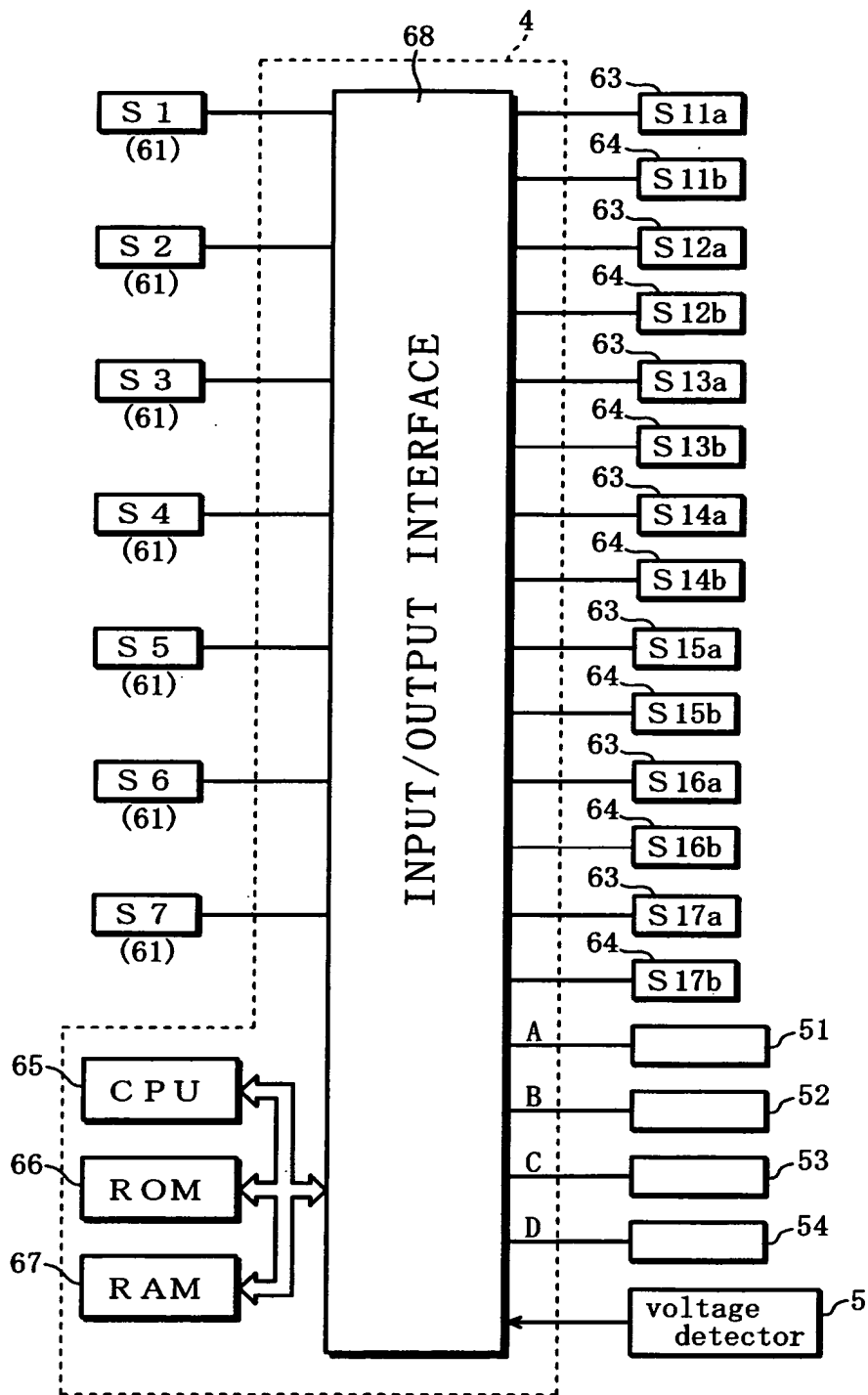


Fig. 7

10/554037

4/17

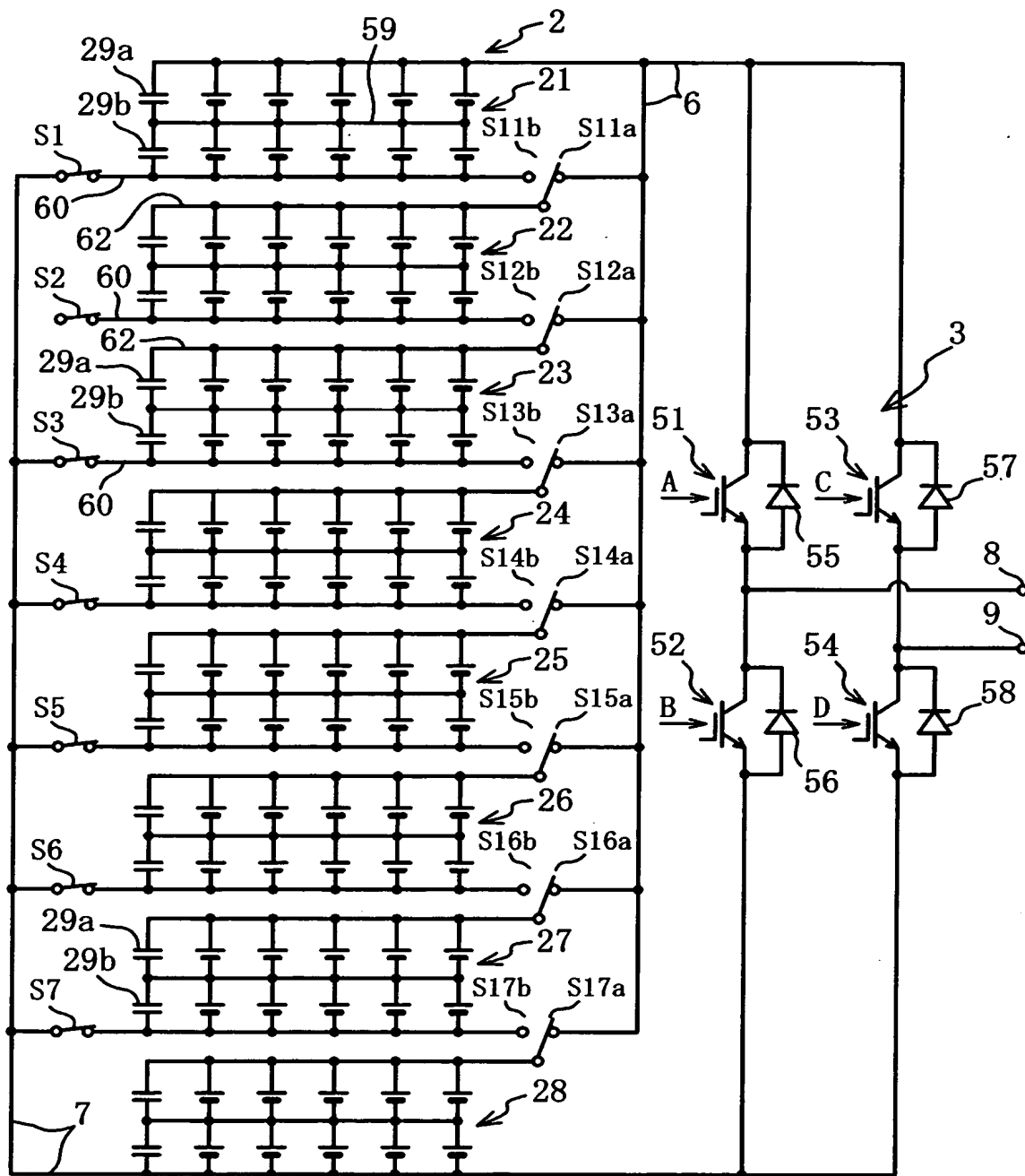


Fig. 8

10/554037

5/17

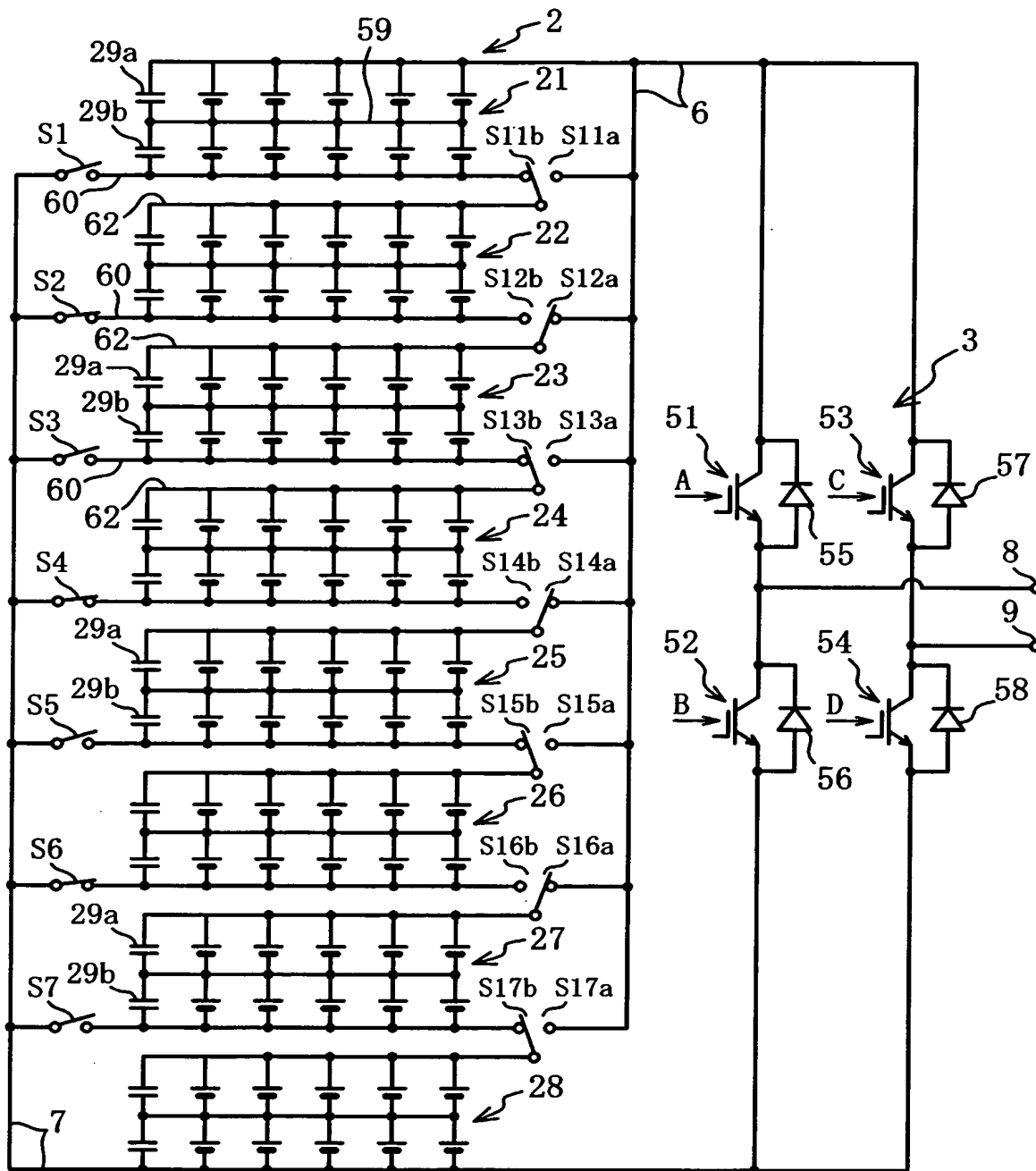


Fig. 9

10/554037

6/17

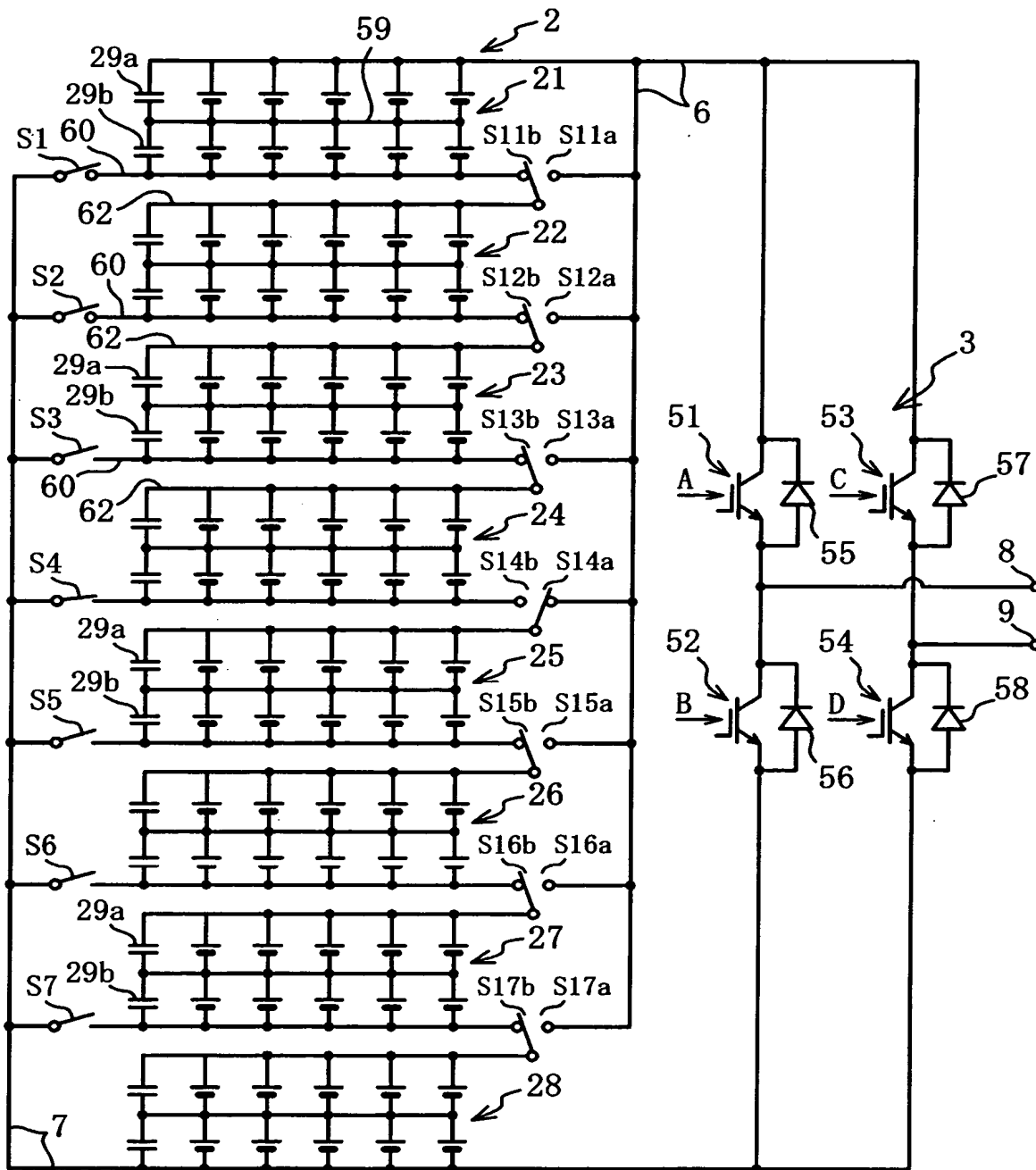


Fig. 10

10/554037

7/17

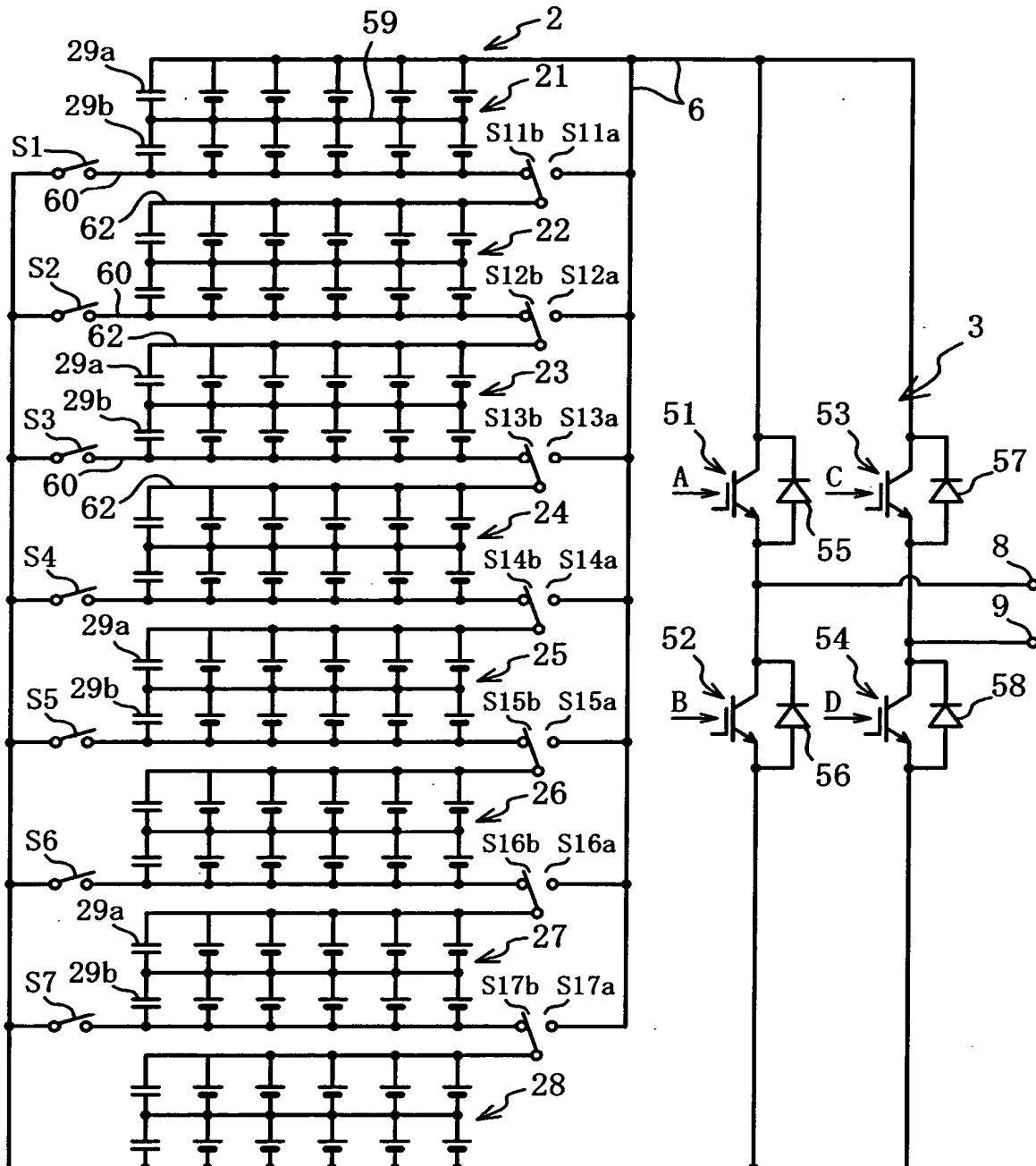


Fig. 11

10/554037

8/17

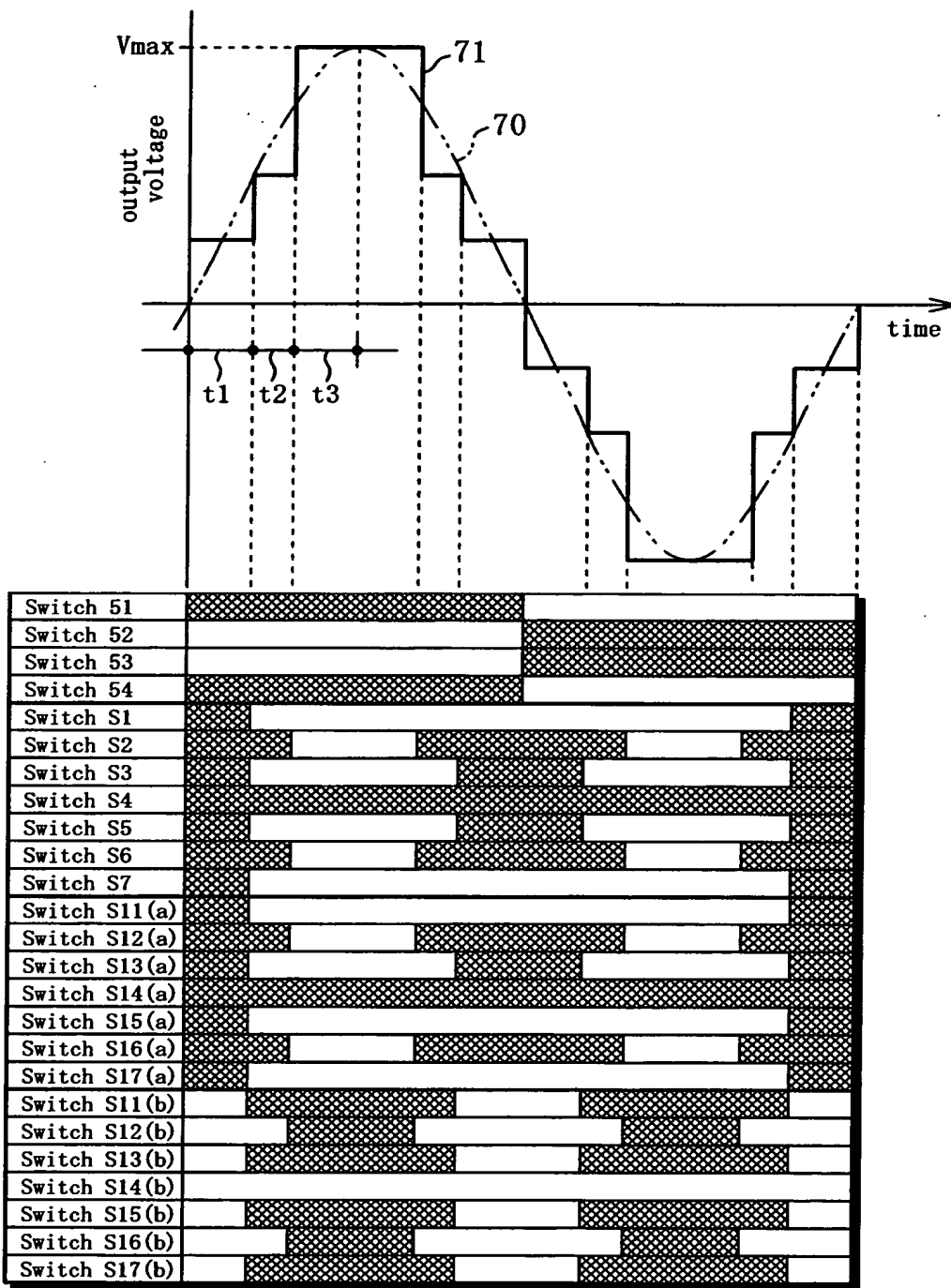


Fig. 12

10/554037

9/17

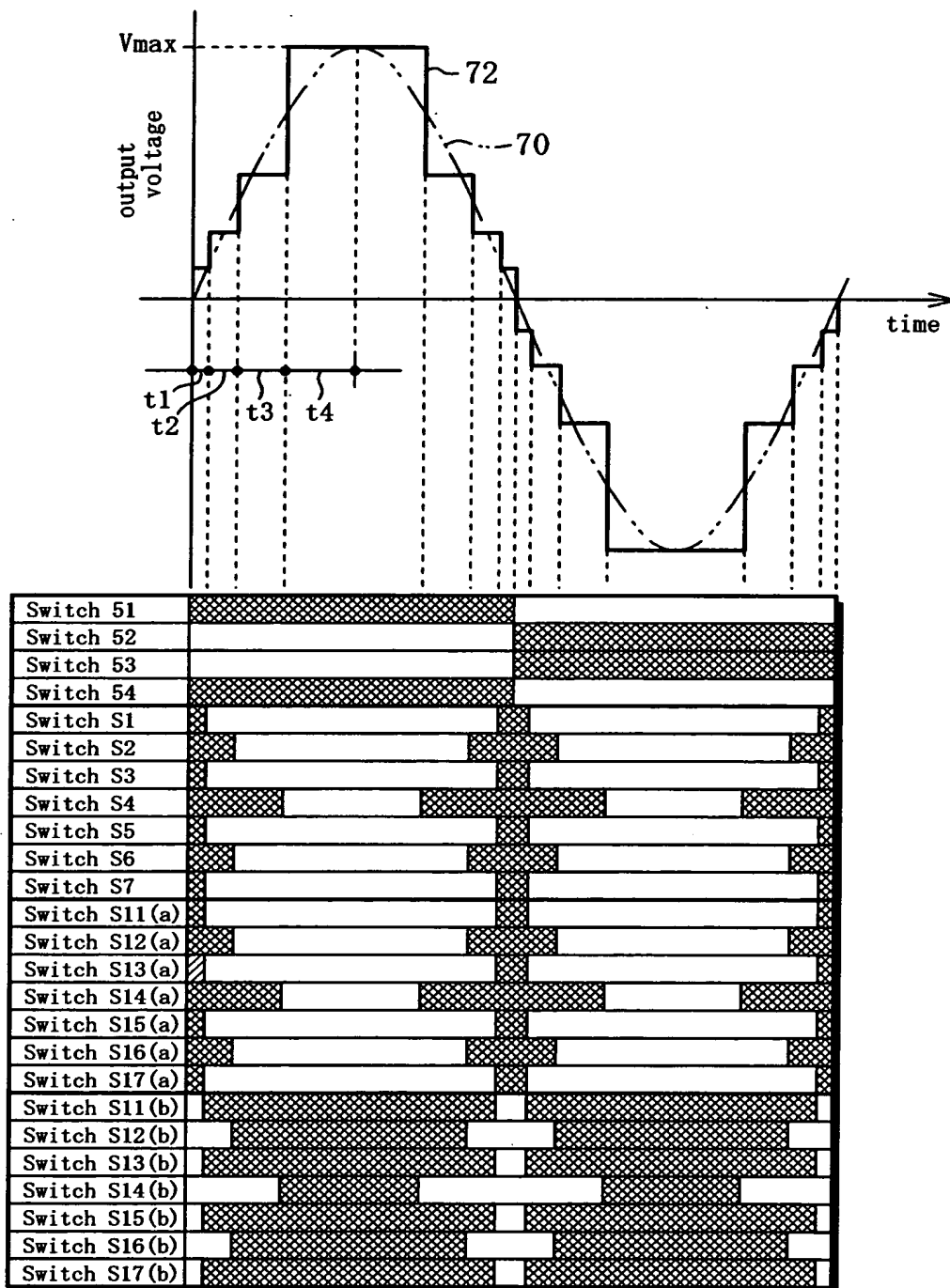


Fig. 13

10/554037

10/17

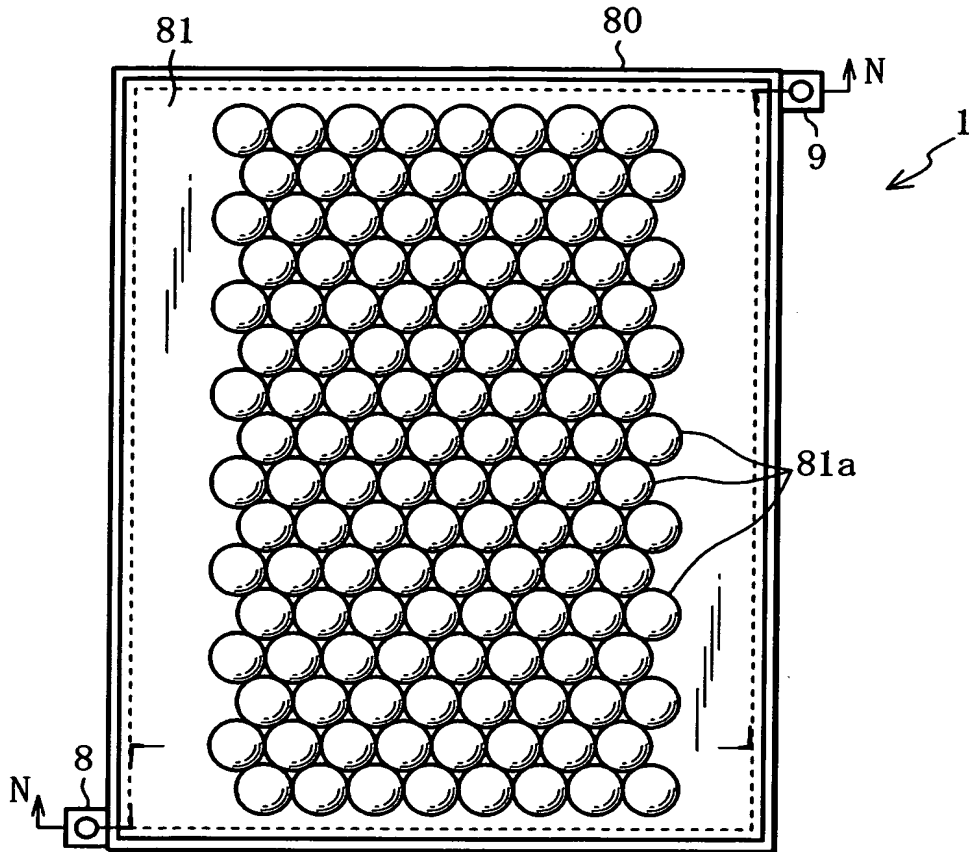


Fig. 14

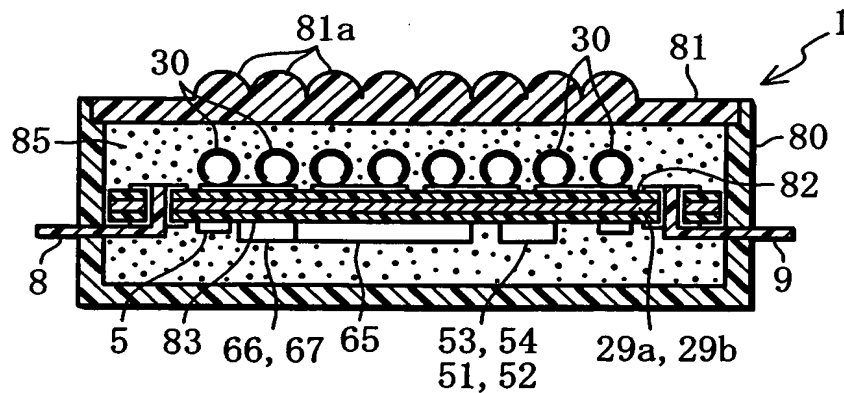


Fig. 15

10/554037

11/17

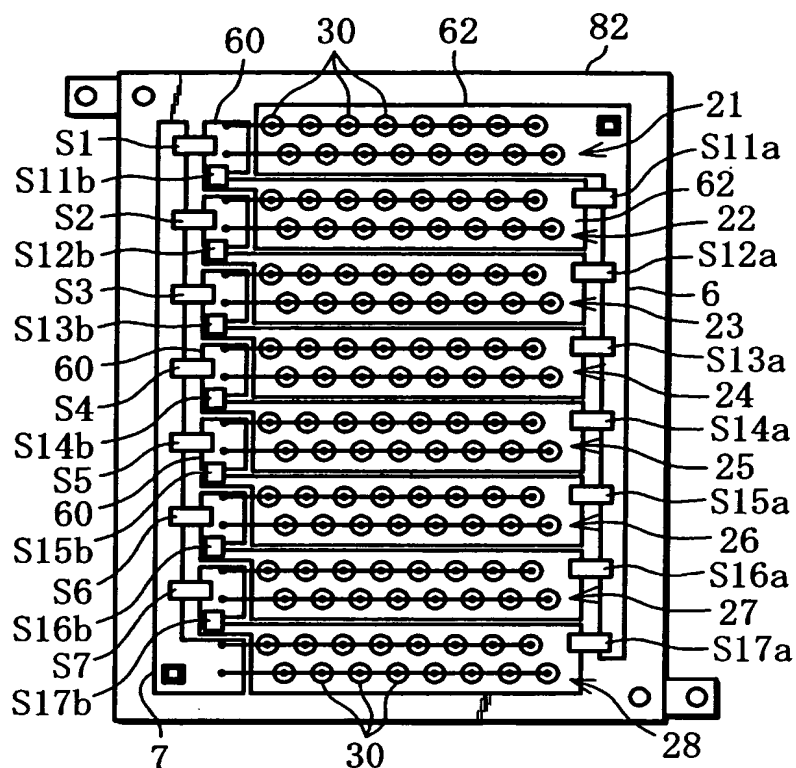


Fig. 16

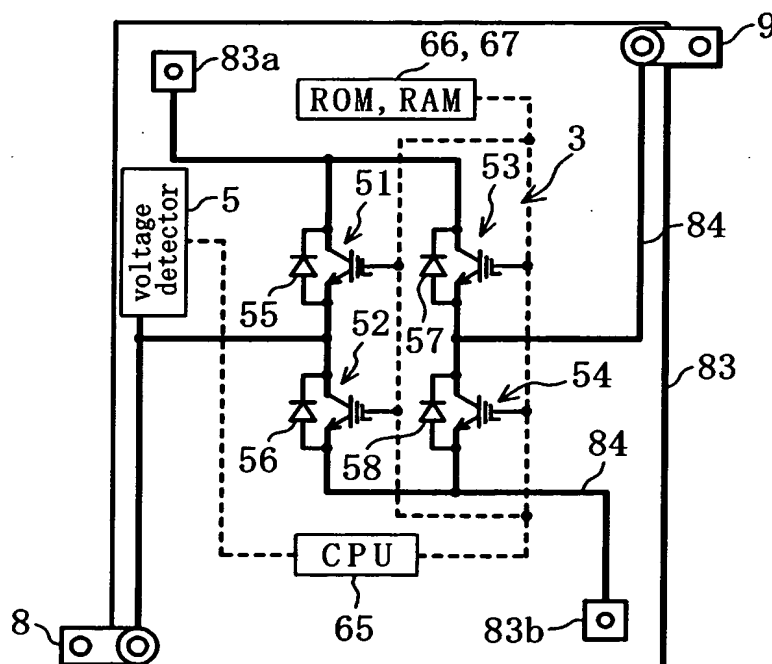


Fig. 17

10/554037

12/17

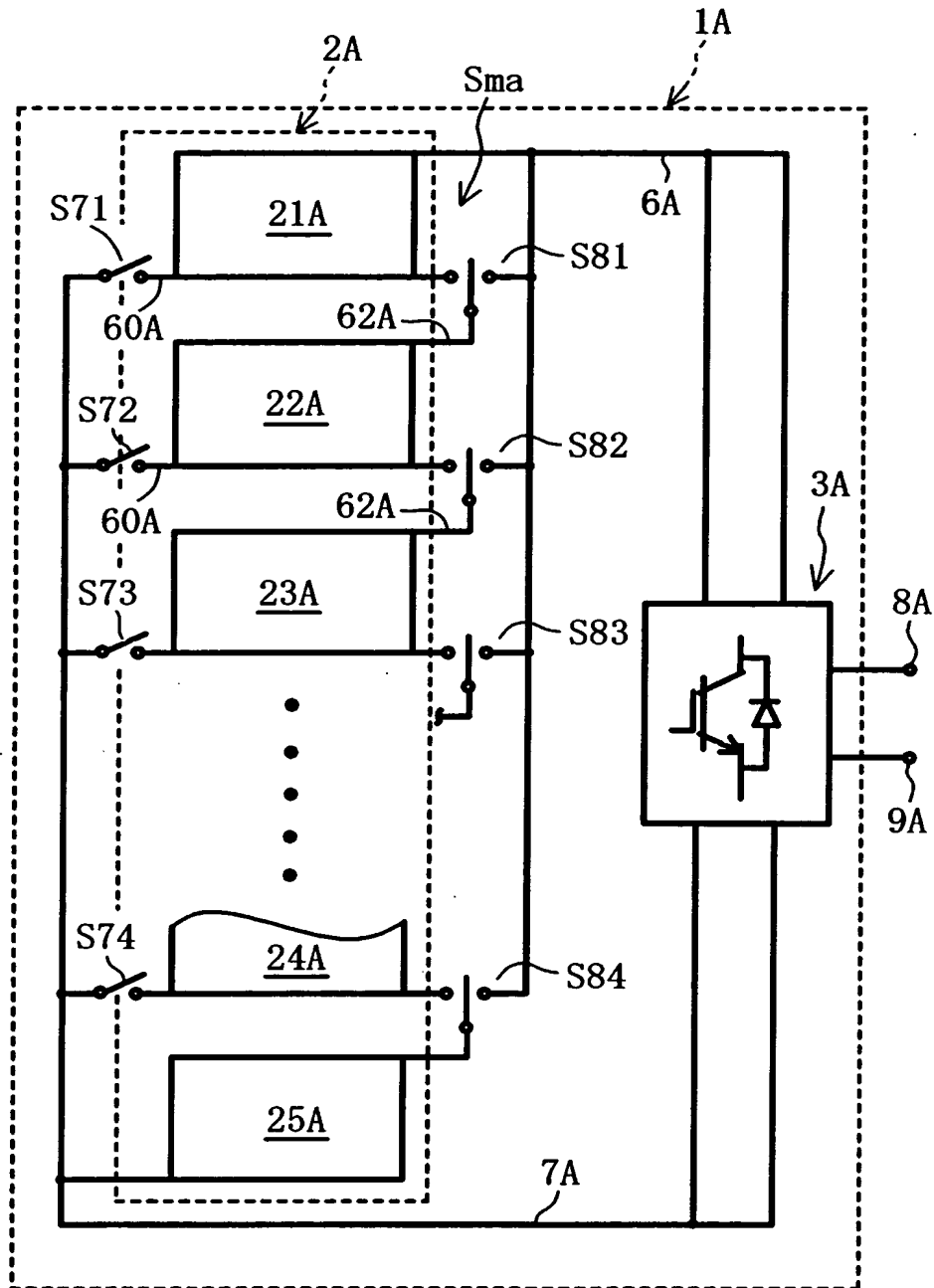
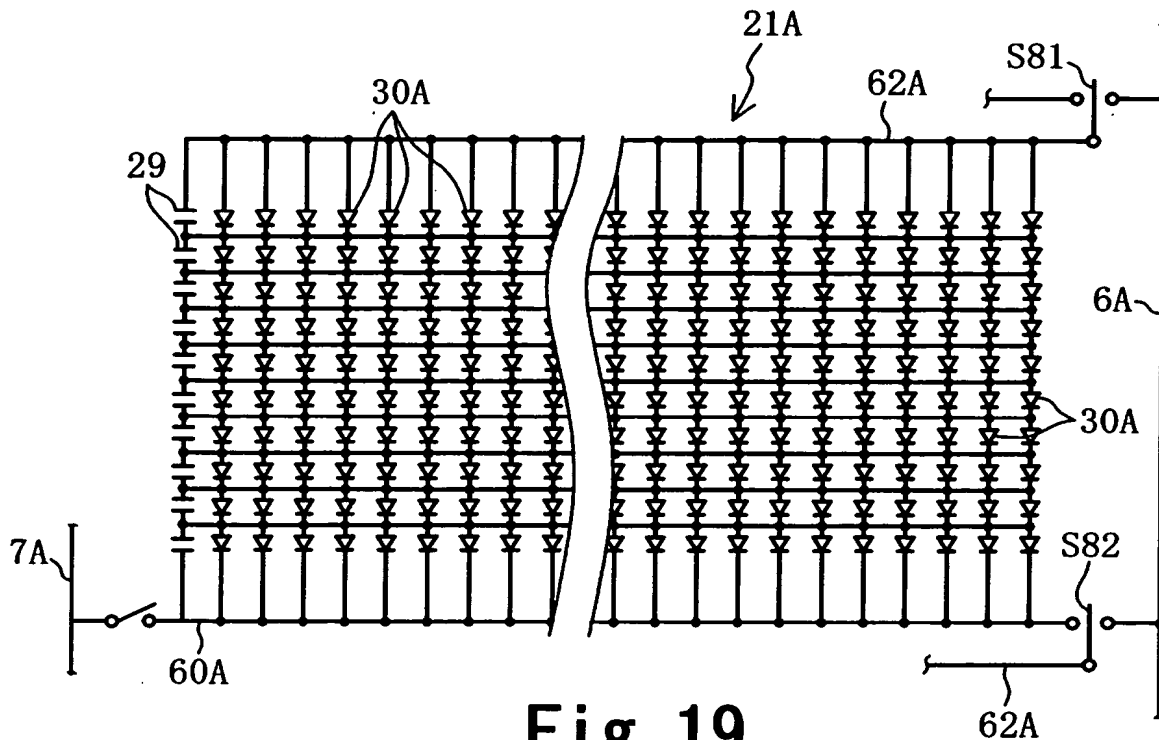


Fig. 18

10/554037

13/17



10/554037

14/17

generating mode	number of modules connected in series	number of group of module	output voltage
M 1	1	48	5 ~ 6 V
M 2	2	24	10~12V
M 4	4	12	20~24V
M 8	8	6	40~48V
M16	16	3	80~96V
M24	24	2	120~144V
M48	48	1	240~288V

Fig. 20

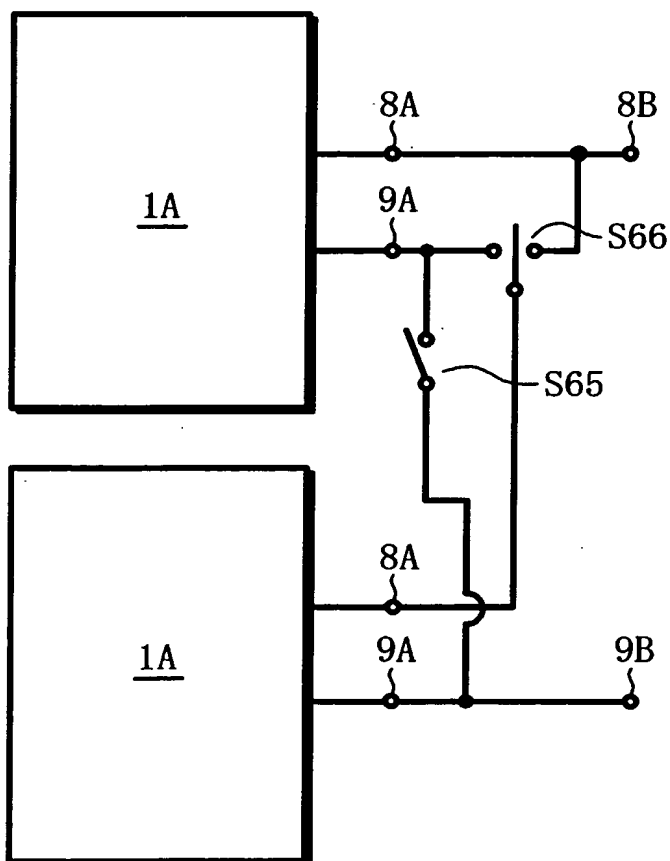


Fig. 21

10/554037

15/17

first power generating panel output voltage	second power generating panel output voltage	total output voltage
5 ~ 6 V	5 ~ 6 V	10~12V
10~12V	5 ~ 6 V	15~18V
20~24 V	10~12V	30~36V
40~48 V	20~24V	60~92V
80~96 V	40~48V	120~144V
120~144 V	80~96V	200~240V
240~288 V	120~144V	360~432V
240~288 V	240~288 V	480~576V

Fig. 22

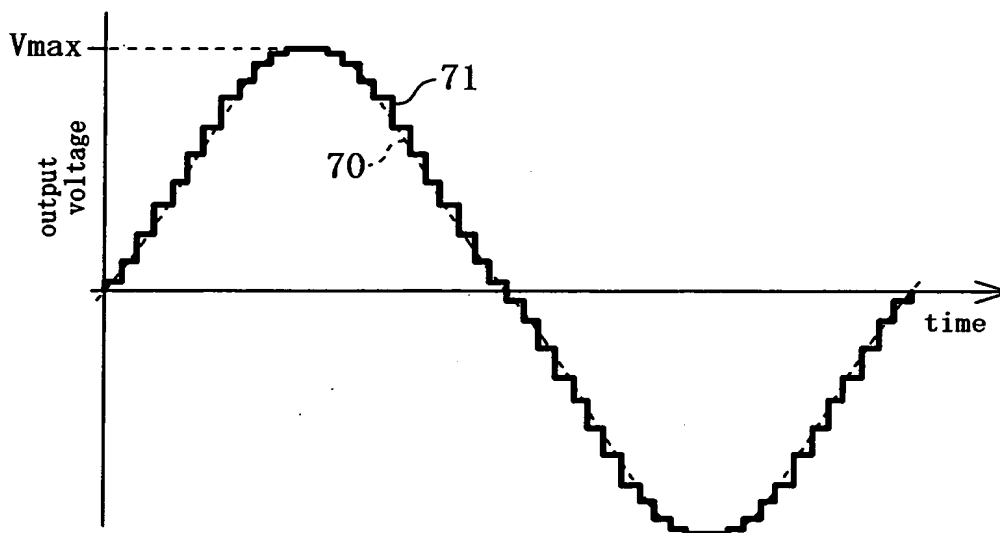
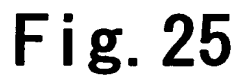


Fig. 23

10/554037

16/17



10/554037

17/17

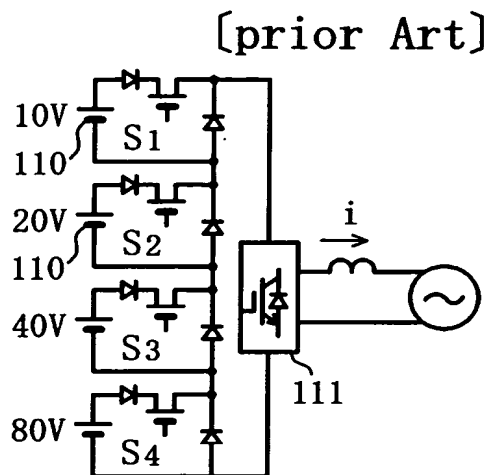


Fig. 26

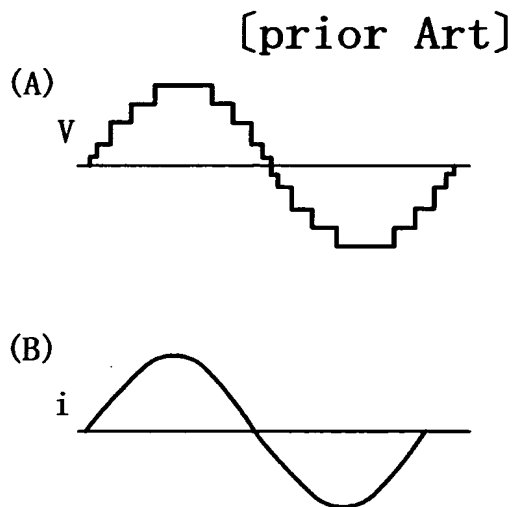


Fig. 27